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Patent Number: US2001051269

Publication date: 2001-12-13

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Applicant(s):

Requested Patent: JP10188840

Application Number: US19970995537 19971222

Priority Number(s): KR19960069795 19961221

IPC Classification: B32B5/16

EC Classification:

EC Classification:

Equivalents: KR265859

Abstract

A method for forming a cathodoluminescent screen by forming cathodoluminescent films on the inner surface of screen panel for a field emission display by a screen printing, a spray, or an electrodeposition process. The field emission display cathodoluminescent particles for improving a luminescent emission efficiency, wherein the improved cathodoluminescent particles are formed by coating a uniform phosphor material on the surfaces of cathodoluminescent particles by an atomic layer epitaxy